

Date: Monday, 27/10/2008 2:15:58 PM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : WEARPLATE
Job Number : 42973	
Estimate Number : 12461	
P.O. Number :	Part Number : D35081
This Issue : 27/10/2008 S.O. No. :	Drawing Number : D3508 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : // Type : SMALL /MED FAB	Drawing Revision : C
Previous Run : 31195	Material :
Written By :	Due Date : 15/11/2008 Qty: 12 Um: Each
Checked & Approved By : <u>JUD 08-10-28</u>	
Comment : Est Rev:A New Issue 06-06-20 JLM	
Est Rev:B Now SS as per Rev B 06-12-15 JLM	
Est Rev:C Rev C dwg 07-12-06 DD	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M304S20GA	304/316 .040 Sheet
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Comment: Qty.: 0.2489 sf(s)/Unit Total : 2.9862 sf(s)
 304 SS .038" THK (20GA)
 (M304S20GA)
 Batch: 109088 IB 8-11-5

2.0	WATER JET	FLOW WATER JET
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Comment: FLOW WATER JET
 1-Cut as per Dwg D3508
 Dwg Rev: B
 Prog Rev: B

IB 8-11-5

2-Deburr if necessary IB 8-11-5

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

IB 8-11-5

4.0	QC8	SECOND CHECK
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Comment: SECOND CHECK

S 08/11/05 (12)

5.0	BRAKE NC	NC BRAKE
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Comment: NC BRAKE
 Deburr and form on brake using DT8326 and DT8261 as per Dwg D3508

08/11/10 (12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 27/10/2008 2:15:58 PM
User: Julie Dawson

Process Sheet

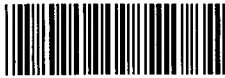
Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 42973

Part Number: D35081

Job Number:



Seq. #:	Machine Or Operation:	Description :
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6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

Sosulico (12)

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

START TIME: 3:20
OVEN TEMPERATURE: 320°
FINISH TIME: 3:50

FZ 08/11/11 (12)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

M-1 08/11/12 (12x)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock
Location: 5T497

SS 08/11/12 (12)

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/11/12 (12)

Job Completion



MF 08-11-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order: 42973
Description: Wearplate		Part Number: D3508-1
Inspection Dwg: D3508	Rev: B	Page 1 of 1

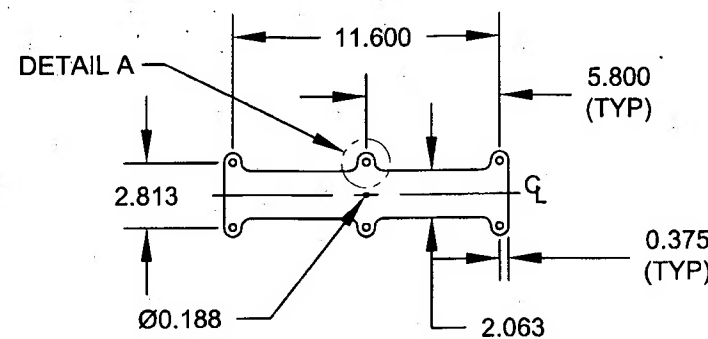
FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

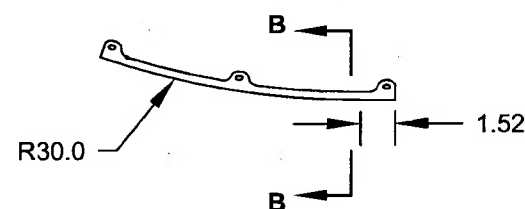
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.733	+/-0.010	2.734	*			
2.063	+/-0.010	2.066	*			
0.375	+/-0.010	.376	*			
5.800	+/-0.010	5.799	*			
11.600	+/-0.010	11.602	✓			
Ø0.188	+0.005/-0.001	.191	*			
0.300	+/-0.010	.303	*			
0.300	+/-0.010	.302	✓			
0.038	+/-0.010	.039	*			

Measured by: R	Audited by: S	Prototype Approval:	N/A
Date: 8-11-5	Date: 08/11/05	Date:	N/A

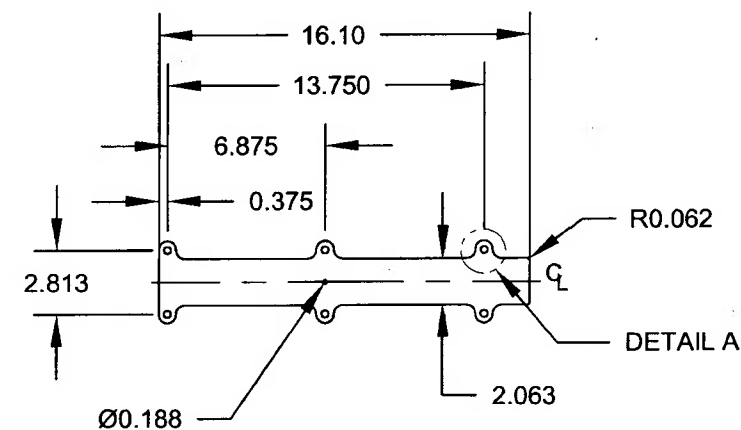
Rev	Date	Change	Revised by	Approved
A	07.04.20	New Issue	KJ/JLM	✓



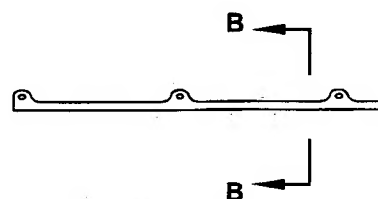
D3508-1 FLAT PATTERN



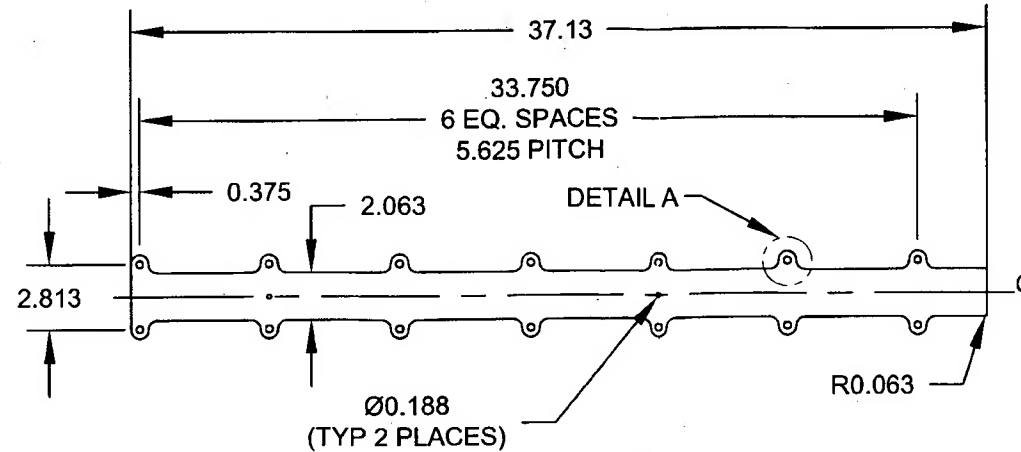
D3508-1 BENDING DETAIL
(MAKE FROM D3508-1F)



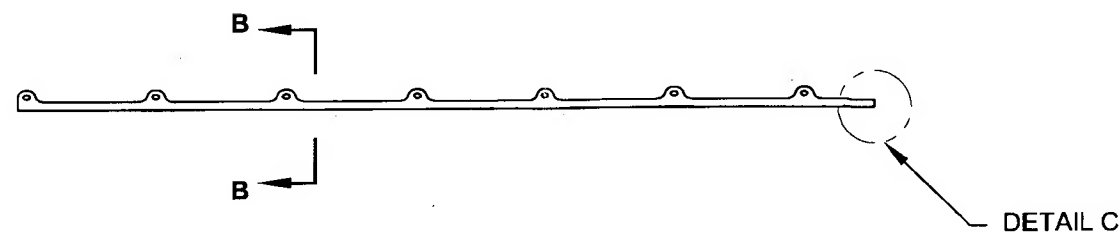
D3508-7F FLAT PATTERN



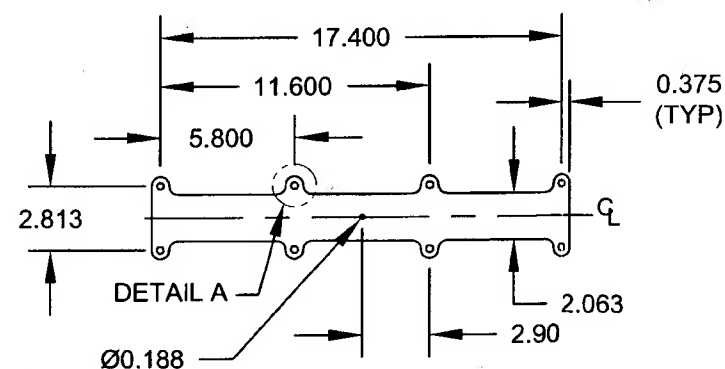
D3508-7F BENDING DETAIL
(MAKE FROM D3508-7F)



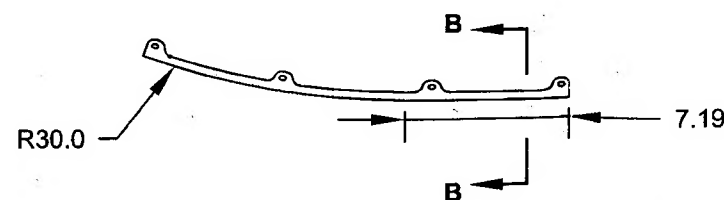
D3508-3 FLAT PATTERN



D3508-3 BENDING DETAIL
(MAKE FROM D3508-3F)



D3508-9F FLAT PATTERN



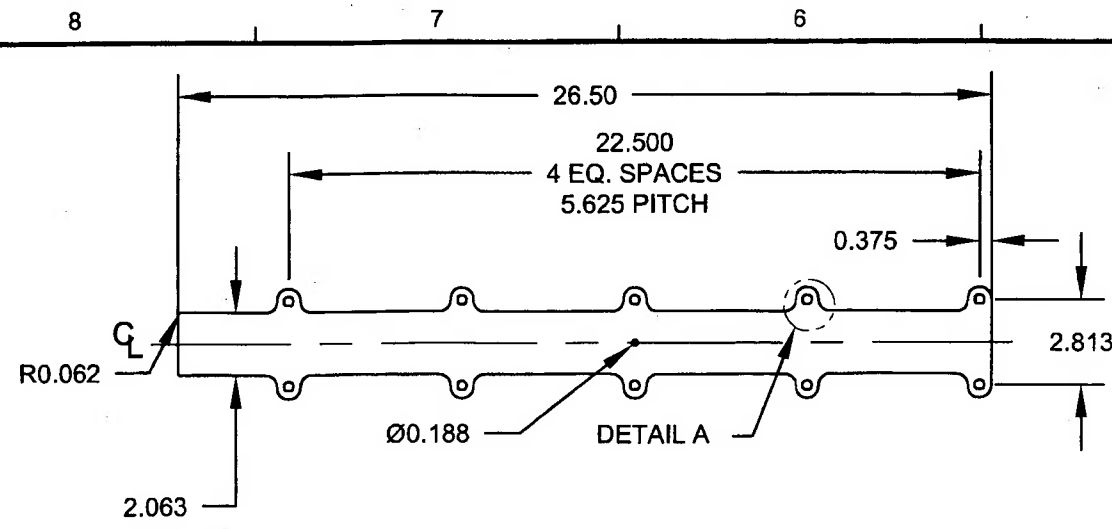
D3508-9F BENDING DETAIL
(MAKE FROM D3508-9F)

- NOTES:**
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK)
(REF. DART MATERIAL SPEC M304S20GA)
 - 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
 - 3) WELD PER DART QSI 004
 - 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005 TO 0.015
 - 7) IDENTIFICATION: NONE
 - 8) WEIGHT: D3508-1 - 0.47 lbs, D3508-3 - 0.95 lbs, D3508-5 - 0.77 lbs,
D3508-7 - 0.39 lbs, D3508-9 - 0.45 lbs, D3508-11 - 0.64 lbs
D3508-13 - 0.25 lbs

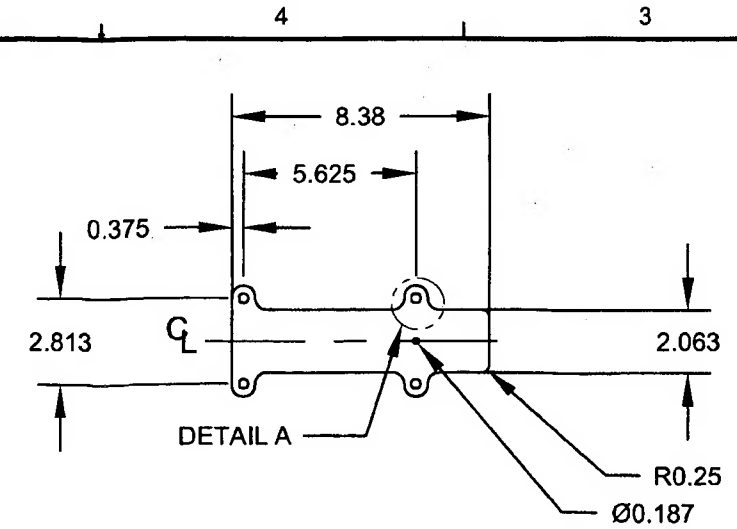
RELEASED
07-11-16

C	ADD -9/-11/-13 MOVE TAB OUTBOARD (2.813 WAS 2.733) CHANGE DRAWING FORMAT	PH	07.04.20
B	CHANGE STAINLESS STEEL, WIDEN	PH	06.10.27
A	NEW ISSUE	PH	06.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE USA, INC	
DRAWN	<i>[Signature]</i>	PORT HADLOCK, WA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV: C
MFG. APPR.	<i>[Signature]</i>	D3508	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	WEARPLATE	1:8
DATE	07.04.20	COPYRIGHT © 2007 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

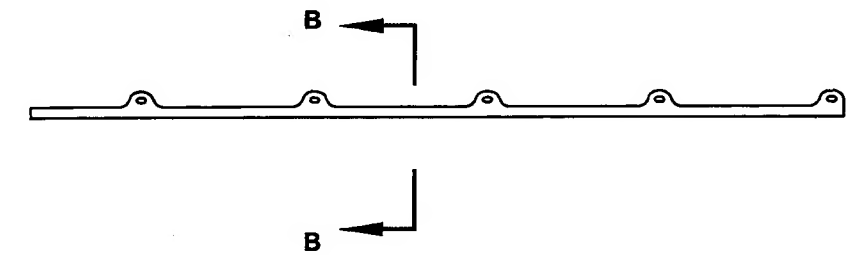
SHOP COPY
RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 42973



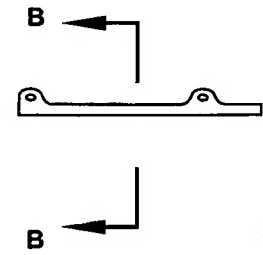
D3508-11F FLAT PATTERN



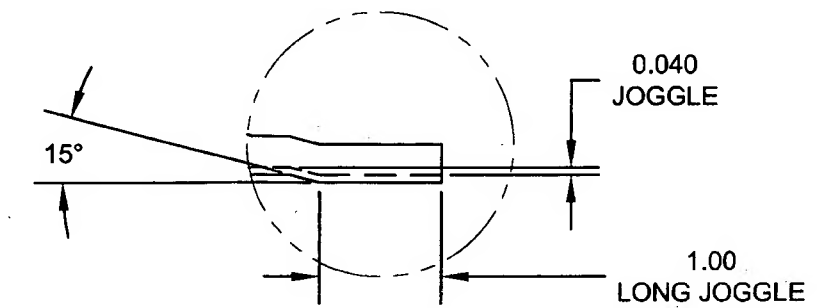
D3508-13F FLAT PATTERN



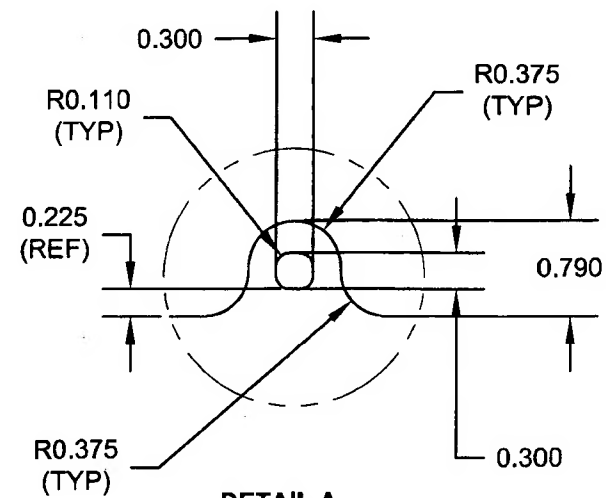
**D3508-11 BENDING DETAIL
(MAKE FROM D3508-11F)**



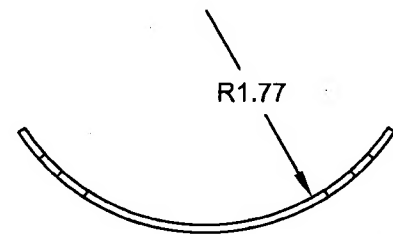
**D3508-13 BENDING DETAIL
(MAKE FROM D3508-13F)**



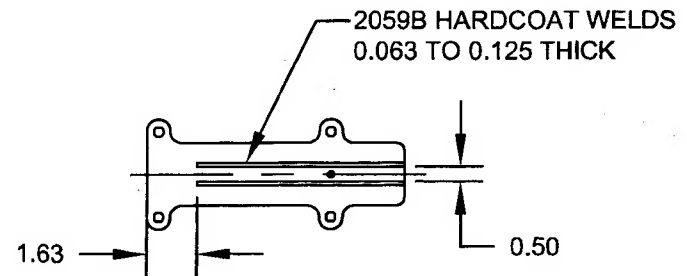
**DETAIL C
(SCALE 1:2)**



**DETAIL A
(SCALE 2:3)**



**SECTION B-B
(SCALE 2:3)**



D3508-13 WELDING DETAIL

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NO. 42973
RELEASED
07-11-16

DESIGN	PH	DART AEROSPACE USA, INC	
DRAWN	PH	PORT HADLOCK, WA	
CHECKED	B	DRAWING NO.	REV. C
MFG. APPR.	EE	D3508	SHEET 2 OF 2
APPROVED	PH	TITLE	SCALE
DE APPR.	PH	WEARPLATE	1:6
DATE		COPYRIGHT © 2007 BY DART AEROSPACE USA, INC	
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